

RECOMBINANT HUMAN METAPNEUMOVIRUS AND ITS USE

Abstract

Recombinant HMPV (rHMPV) and related immunogenic compositions and methods are provided. The rHMPVs, including chimeric and chimeric HMPV vector viruses, provided according to the current disclosure are infectious and attenuated in permissive mammalian subjects, including humans. The rHMPVs are useful in immunogenic compositions for eliciting an immune response against HPIV, against one or more non-HMPV pathogens, or against a HMPV and a non-HMPV pathogen. Also provided are isolated polynucleotide molecules and vectors incorporating a recombinant HMPV genome or antigenome.